

Name: _____

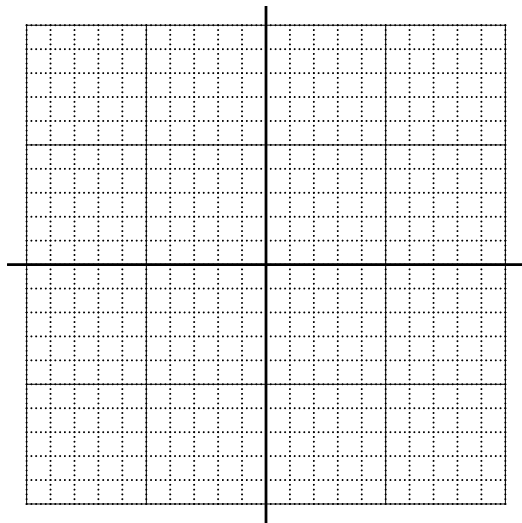
Date: _____

PCW__09__29: Graph Parent Translations (version 5)

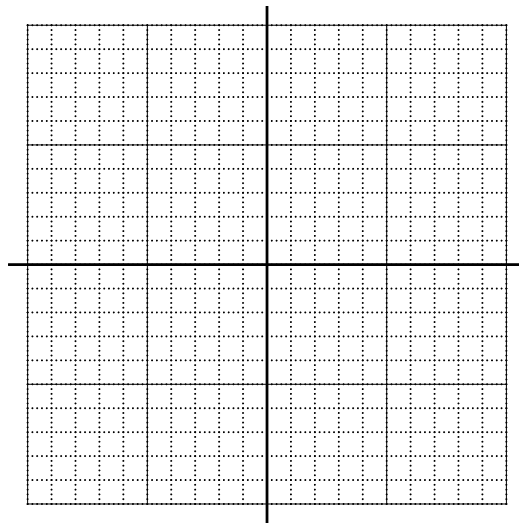
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

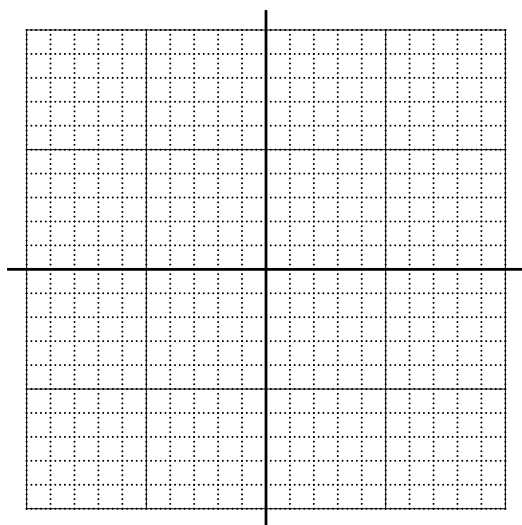
$$y = (x+3)^2 + 5$$



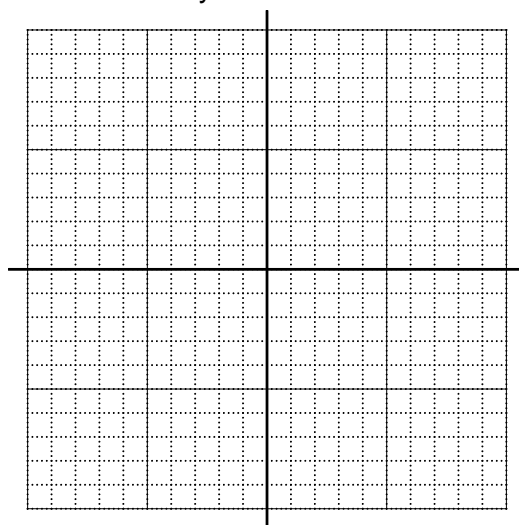
$$y = (x+5)^3 + 4$$



$$y = |x-5| - 4$$

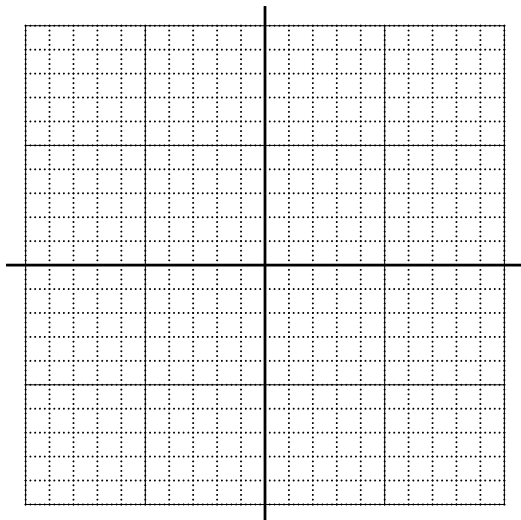


$$y = 2^{x+4} - 3$$

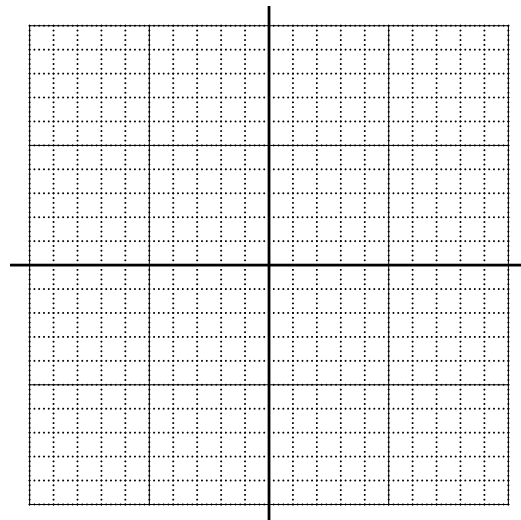


PCW_09_29: Graph Parent Translations (version 5)

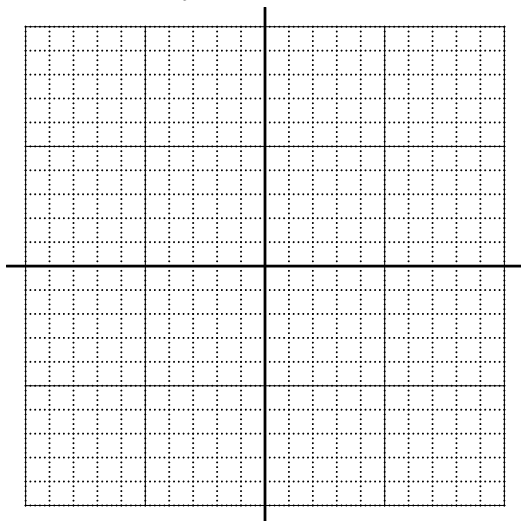
$$y = \sqrt[3]{x-2} - 5$$



$$y = \frac{1}{x+2} + 5$$



$$y = \sqrt{x-5} - 3$$



$$y = \log_2(x+2) - 4$$

